Grade: 28/40



My courses

PROPERTIES OF ENG.MATERIALS LAB.

27 December - 2 January

LAB Final exam 2020-2021-1

Question] Rockwell test utilizes as a measure of hardness. Not yet answered 🔘 a. Load Marked out of 2.00 O b. Diameter of indentation P Flag question O c. Time of loading d. Depth of indentation Clear my choice

Quiz navigation

Finish attempt ...

Time left 0:29:10

Next page

My courses Home

PROPERTIES OF ENG.MATERIALS LAB.

27 December - 2 January

LAB Final exam 2020-2021-1

Question 2 Not yet answered Marked out of 2.00 ₹ Flag question

The method that you used to construct the phase diagram in the lab is:

a. The thermal analysis technique

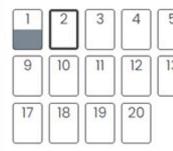
O b. The grain size calculation technique

O c. The casting technique

O d. The mechanical properties technique

Clear my choice

Quiz navigation



Finish attempt ...

Time left 0:28:49



1

Next page

My courses PROPERTIES OF ENG.MATERIALS LAB. 27 December - 2 January LAB Final exam 2020-2021-1 Home Quiz navigation Question 4 The degree of segregation is determined by: Not yet answered Marked out of 9 10 2.00 O a. Mechanical testing P Flag 17 18 19 20 question O b. Macroetching Finish attempt ... Time left 0:25:52

11

12

C. Microetching

O d. Carburizing

Clear my choice

27 December - 2 January LAB Final exam 2020-2021-1 Home My courses PROPERTIES OF ENG.MATERIALS LAB. Quiz navigation Question 5 Defects are revealed, in the radiographic testing, through: Not yet answered • a. Shadows on the radiograph Marked out of 2.00 P Flag O b. waves that are introduced to the component under the test and the time which elapses between the question transmission signal and the return of the reflected echo form the back wall of the component Finish attempt ... Time left 0:22:56 ^O C. The indication of the transmitted pulses and reflected echoes, and the measurement of the time interval between them • d. B and C

9

17

0

18

11

| 19 | 20

Clear my choice





My courses Home

PROPERTIES OF ENG.MATERIALS LAB.

27 December - 2 January

LAB Final exam 2020-2021-1

Question 8 Not yet answered

Marked out of 2.00 F Flag question

When calculating the case depth for the carburized specimen, the formula in question 8 is used. This means that:

a. the temperature is not a factor

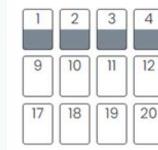
^b. The temperature is implicitly included in D

^O c.</sup> A part is included in t and another part is included in D

O d. The temperature is implicitly included in t

Clear my choice

Quiz navigatio



Finish attempt ...

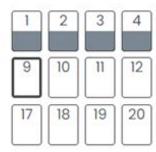
Time left 0:18:41



Home My courses PROPERTIES OF ENG.MATERIALS LAB. 27 December - 2 January LAB Final exam 2020-2021-1

Question 9 Not yet answered Marked out of 2.00 F Flag question The grain size number (ASTM method) can be determined by the following formula: (N - grain size number is, n - the number of grains per square inch area and magnification 100x) ○ ^{a.} N=2 ⁽ⁿ⁻¹⁾ b. N=1 + (log n)/(log2) ○ c. n-1=2 ^(N) ○ d. n=2 (N) Clear my choice

Quiz navigation



Finish attempt ...

Time left 0:16:39



27 December - 2 January LAB Final exam 2020-2021-1 PROPERTIES OF ENG.MATERIALS LAB. Home My courses

Question 11 Not yet answered Marked out of 2.00 P Flag question

The grinding direction of successive steps should be: • a. perpendicular to each other O b. no matter whatever the direction O c. Parallel to each other d. opposite to each other Clear my choice Next page

Quiz navigation

| 1 | 2 | 3 | 4 |
|----|----|----|----|
| 9 | 10 | 11 | 12 |
| 17 | 18 | 19 | 20 |

Finish attempt ...

Time left 0:15:36

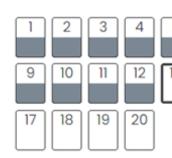
Previous page



Û

| ≡ | LMSystem | | |
|-----|---|---|--|
| ଜ | | THES OF ENG.WATERIALS LAD. | |
| Ø | Home My | y courses PROPERTIES OF ENG.MATERIALS LAB. 27 December - 2 January LAB Final exam 2020-2021-1 | |
| 曲 | | | |
| ତ୍ତ | Question 13 Not yet answered | Eddy current testing is the most wildly used non-destructive testing technique: | |
| ß | Marked out of 2.00 | a. in the non-ferrous wrought metal industries | |
| := | ₽ Flag question | 以善 | |
| | | b. the ferrous wrought metal industries c. for the detection of surface and near surface defects in products of uniform section such as bars, rods, tubes and wire d. a and c | |
| | | | |

Quiz navigation



Finish attempt ...

Time left 0:11:59

Drovious page

My courses PROPERTIES OF ENG.MATERIALS LAB. 27 December - 2 January LAB Final exam 2020-2021-1 Home Quiz navigation Ouestion 14 Which order is right for dye penetration inspection method? Not yet answered a. Penetrant apply, development, surface preparation, inspection Marked out of 2.00 • b. Surface preparation, penetrant apply, development, inspection Flag 17 18 19 O c. Penetrant apply, development, inspection, surface preparation question Finish attempt ... O d. Development, surface preparation, penetrant apply, inspection Time left 0:11:03 Clear my choice Previous page Next page

20

My courses Home

PROPERTIES OF ENG.MATERIALS LAB.

27 December - 2 January

LAB Final exam 2020-2021-1

Question 15 Not yet answered Marked out of 2.00 Flag question

The magnetic particle method of inspections is a procedure used to:

O a. determine the presence of defects near the surface of non ferromagnetic objects

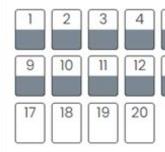
^O b. determine the presence of defects at or near the surface of ceramic objects

^O c. determine the presence of defects at the surface of ferromagnetic objects only

• d. determine the presence of defects at or near the surface of ferromagnetic objects

Clear my choice

Quiz navigation



Finish attempt ...

Time left 0:09:59

The heterogeneous grain structure results from:

Home My courses PROPERTIES OF ENG.MATERIALS LAB. 27 December - 2 January LAB Final exam 2020-2021-1

Question 16 Not yet answered Marked out of 2.00 F Flag question

a. different solidification rates, crystal growth, gas evolvement, or thermal processing

 b. variations result from segregation due to impurities in the metal or from surface treatments such as carbonizing Quiz navigation

18

Finish attempt ...

Time left 0:07:51

17

19

20

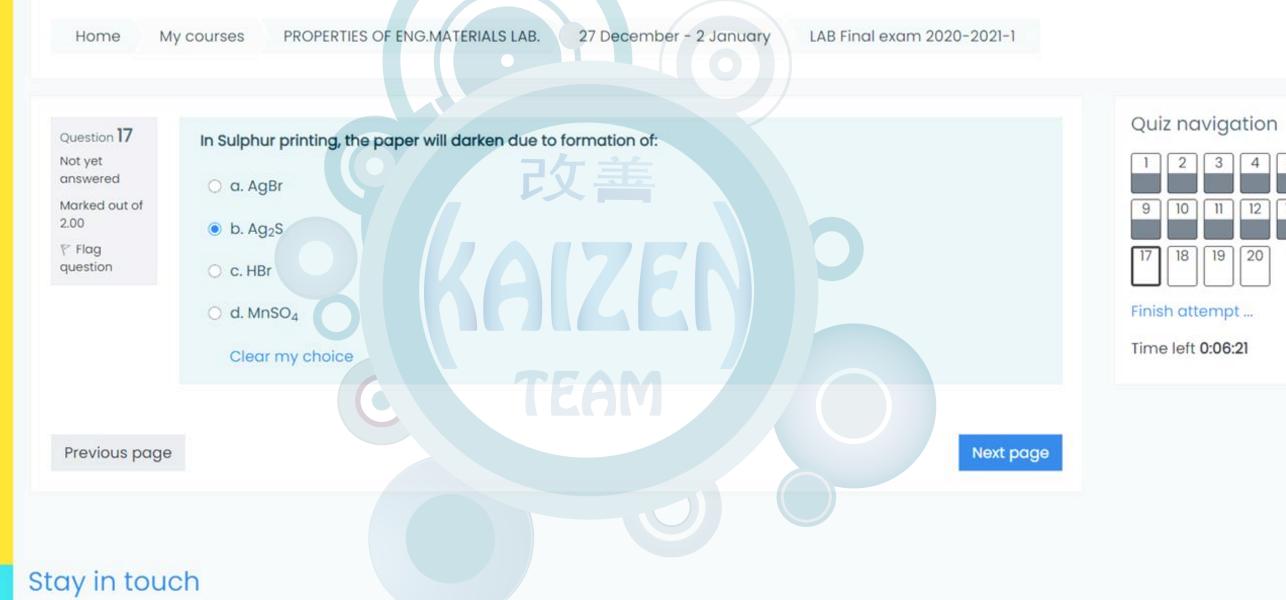
^O ^{C.} plastic deformation in forged or rolled parts. Such properties greatly affect structure and performance

O d. the ability to predict the performance of a materials in service

Clear my choice

63

6 (2) (2) (2) (2)



Home My courses

PROPERTIES OF ENG.MATERIALS LAB. 27 December - 2 January LAB Final exam 2020-2021-1

Question 18 Not yet answered Marked out of 2.00 P Flag question



Quiz navigatio

Finish attempt ...

Time left 0:04:52

Previous page

Next page

PROPERTIES OF ENG.MATERIALS LAB.

Quiz navigation Question 19 Prevention of carburizing of components can be done by Not yet answered O a. Cold working Marked out of 9 10 2.00 O b. Adding water P Flag 18 19 20 17 question • c. Electroplating O d. Adding filler Finish attempt ... Time left 0:04:25 Clear my choice Previous page Next page

27 December - 2 January

LAB Final exam 2020-2021-1

12

Home

My courses

